

Applic. No. 09/941,681

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Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 70 (currently amended): A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

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iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data; and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription; and

d. a printer to print the completed prescription; and

e. at least one preferred usage data display including a personal-preference drug-selection list for each system user wherein the system tracks preferred data usage by each system user and updates

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said preferred usage data displays automatically;

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

Claim 71 (cancelled).

Claim 72 (currently amended): A prescription according to claim ~~[[71]]~~ 70 wherein at least one said preferred usage data display comprises a personal-preference condition-selection list for each system user accessible from the prescription creation system during prescription creation.

Claim 73 (currently amended): ~~A prescription according to claim 70 in which said system further comprises~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient

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identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data; and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said

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prescription management screen to display multiple  
prescribable drugs;

c. a prescription output screen device to output a  
completed prescription;

d. a printer to print the completed prescription;  
and

e. a patient history record for display, said  
patient history record listing electronically  
available prior prescription data including a  
prescribed drug and a condition treatment objective  
for each prescribed drug, said patient history  
record is a contemporaneous record dynamically  
assembled from multiple source record elements  
retrieved from multiple heterogeneous remote  
databases;

wherein the completed prescription includes the patient  
condition and identification and quantification data regarding  
a drug prescribed by the prescriber user for treatment of the  
patient condition, the patient condition and drug data being  
captured into the prescription by the data capture devices.

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Claim 74 (previously presented): A prescription according to claim 73 in which said system further comprises a patient condition list for selection of a patient condition for posting to said prescription, said patient condition list comprising patient conditions listed in said patient history record.

Claim 75 (previously presented): A prescription according to claim 70 in which said system further comprises a source-oriented data-retrieval subsystem, said data retrieval subsystem being connectable to access at least one data-retrieval network to retrieve source prescribing information and patient-related data to the point-of-care from at least one remote source database.

Claim 76 (original): A prescription according to claim 75 wherein said patient-related data comprises allergy or drug interaction information regarding the patient or comprises patient drug formulary changes.

Claim 77 (cancelled).

Claim 78 (currently amended): A prescription according to claim [[77]] 73 in which said system includes a user interface

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device configured for networked digital communication with a host computer facility, wherein said patient history record is retrieved in the form of complementary record elements from multiple remote databases by said host computer facility.

Claim 79 (currently amended): ~~A prescription according to claim 70 wherein~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device for capturing patient-identifying data;

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ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data; and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs, said drugs [[are]] being in a drug list and classified into groups according to patient conditions for which said drugs have efficacy and said prescription creation system further comprises a patient-condition specification procedure for selecting said condition from groups of possible conditions and an onscreen drug selection procedure for selecting said prescribed drug from said library;

c. a prescription output screen device to output a completed prescription; and



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d. a printer to print the completed prescription;

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

Claim 80 (currently amended): ~~A prescription according to claim 70 wherein~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

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i. a patient identifier data capture device for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data;  
and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription; and

d. a printer to print the completed prescription;

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said patient ~~has~~ having a drugs benefit provider, said drugs benefit provider issuing a prescription benefit plan including a drug formulary for said patient listing at least one drug preferred by said drugs benefit provider for treatment of said condition, and wherein the system further comprises:

a drug formulary display device identifying at least one of said displayed multiple drugs as a patient's drug formulary preference for treatment of said condition, to enable selection by said prescriber of a benefit recommended drug;

whereby the patient's drug formulary preference for treatment of said condition is system-presented to the prescriber prior to completion of the prescription and wherein said patient drug formulary data comprises a condition-driven formulary drug list, and a condition-driven nonformulary drug list, said drug lists being changeable according to the patient selected to identify drugs in the selected patient's drug formulary.

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

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Claim 81 (currently amended): ~~A prescription according to  
claim 70 in which said system includes~~

A prescription generated by a computer-implemented  
prescription creation system having a program stored on a  
computer-readable medium, the system being for use by a  
prescriber to create an electronic prescription prescribing a  
drug to treat a condition exhibited by a patient at a point-  
of-care, said electronic prescription comprising a patient  
identifier, at least one prescribed drug and at least one drug  
quantifier for the prescribed drug and being usable by a  
pharmacist to dispense the prescribed drug or drugs, said  
prescription creation system comprising:

a. a prescription creation screen having  
prescriber-operable data capture devices including:

i. a patient identifier data capture device  
for capturing patient-identifying data;

ii. a prescribed drug data capture device for  
capturing prescribed drug identification data;

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iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data; and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription; and

d. a printer to print the completed prescription;

e. means to access remote source databases containing said drug formulary information and provided by the selected patient's prescription benefits management company whereby relevant patient formulary drugs are indicated to said user on screen;

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wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

Claim 82 (currently amended): ~~A prescription according to claim 70 including~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device

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for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data;  
and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription; and

d. a printer to print the completed prescription;

wherein the completed prescription includes the patient

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condition and identification and quantification data regarding  
a drug prescribed by the prescriber user for treatment of the  
patient condition, the patient condition and drug data being  
captured into the prescription by the data capture devices,  
and information regarding dosing of a drug pursuant to  
formulary guidelines, said information being formulary-  
qualified according to said patient condition.

Claim 83 (previously presented): A prescription according to  
claim 82 in which said system further comprises a user data  
access auditor to log information as to the time, date and  
identity of third party access to said user history data, to  
provide a user data access audit trail.

Claim 84 (currently amended): ~~A prescription according to~~  
~~claim 70 in which said system further comprises~~

A prescription generated by a computer-implemented  
prescription creation system having a program stored on a  
computer-readable medium, the system being for use by a  
prescriber to create an electronic prescription prescribing a  
drug to treat a condition exhibited by a patient at a point-  
of-care, said electronic prescription comprising a patient  
identifier, at least one prescribed drug and at least one drug  
quantifier for the prescribed drug and being usable by a



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pharmacist to dispense the prescribed drug or drugs, said  
prescription creation system comprising:

a. a prescription creation screen having  
prescriber-operable data capture devices including:

i. a patient identifier data capture device  
for capturing patient-identifying data;

ii. a prescribed drug data capture device for  
capturing prescribed drug identification data;

iii. at least one drug quantifier capture  
device for capturing drug quantification data;

iv. a patient condition data capture device to  
capture patient condition data regarding said patient  
condition exhibited by said patient whereby said electronic  
prescription further comprises said patient condition data;  
and

b. a library of prescribable drug data accessible  
by one or more of said data capture devices from said  
prescription management screen to display multiple  
prescribable drugs;

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c. a prescription output screen device to output a completed prescription;

d. a printer to print the completed prescription;  
and

e. a prescription expiration routine including dosing, amount and expiration drug quantifiers and comprising system calculation of a relationship between said drug quantifiers;

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

Claim 85 (currently amended): ~~A prescription according to claim 70 in which said system further comprises~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a

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drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data;  
and

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b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription;

d. a printer to print the completed prescription;  
and

e. organization-generated source data retrievable for display in said prescription-creation system from at least one remote database, an organization-directed data-access control subsystem including data-access control specification means enabling an organization to authorize selective third party access to said organization-generated source data and comprising data access control means whereby only an authorized third party can access said organization-generated source data;

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being

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captured into the prescription by the data capture devices.

Claim 86 (original): A prescription according to claim 70 further including a condition list comprising at least five conditions, and a drug list comprising at least five drugs.

Claim 87 (original): A prescription according to claim 70 further including drug information comprising associated condition information and dosage information for at least about fifty percent of all prescribable FDA-approved drugs.

Claim 88 (original): A prescription according to claim 70 in which said system further comprises output means to output a newly created electronic prescription additionally to local storage to remote storage or to remote file transfer as an electronic prescription, the system providing all said output options.

Claim 89 (currently amended): ~~A prescription according to claim 70 in which said system further comprises~~

A prescription generated by a computer-implemented prescription creation system having a program stored on a computer-readable medium, the system being for use by a prescriber to create an electronic prescription prescribing a

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drug to treat a condition exhibited by a patient at a point-of-care, said electronic prescription comprising a patient identifier, at least one prescribed drug and at least one drug quantifier for the prescribed drug and being usable by a pharmacist to dispense the prescribed drug or drugs, said prescription creation system comprising:

a. a prescription creation screen having prescriber-operable data capture devices including:

i. a patient identifier data capture device for capturing patient-identifying data;

ii. a prescribed drug data capture device for capturing prescribed drug identification data;

iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data;  
and

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b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription;

d. a printer to print the completed prescription;  
and

e. means for transmitting said electronic prescription across a network for fulfillment by a specified pharmacy

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.

Claim 90 (previously presented): A prescription according to claim 88 in which said system provides a technique to print a dosage schedule output for said patient.

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Claim 91 (currently amended): ~~A prescription according to  
claim 70 wherein~~

A prescription generated by a computer-implemented  
prescription creation system having a program stored on a  
computer-readable medium, the system being for use by a  
prescriber to create an electronic prescription prescribing a  
drug to treat a condition exhibited by a patient at a point-  
of-care, said electronic prescription comprising a patient  
identifier, at least one prescribed drug and at least one drug  
quantifier for the prescribed drug and being usable by a  
pharmacist to dispense the prescribed drug or drugs, said  
prescription creation system comprising:

a. a prescription creation screen having  
prescriber-operable data capture devices including:

i. a patient identifier data capture device  
for capturing patient-identifying data;

ii. a prescribed drug data capture device for  
capturing prescribed drug identification data;



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iii. at least one drug quantifier capture device for capturing drug quantification data;

iv. a patient condition data capture device to capture patient condition data regarding said patient condition exhibited by said patient whereby said electronic prescription further comprises said patient condition data; and

b. a library of prescribable drug data accessible by one or more of said data capture devices from said prescription management screen to display multiple prescribable drugs;

c. a prescription output screen device to output a completed prescription; and

d. a printer to print the completed prescription;

said patient ~~has~~ having a drugs benefit provider, said drugs benefit provider issuing a prescription benefit plan including a drug formulary for said patient listing at least one drug preferred by said drugs benefit provider for treatment of said condition, and wherein the system further comprises:

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d) a drug formulary display device identifying at least one of said displayed multiple drugs as a patient's drug formulary preference for treatment of said condition, to enable selection by said prescriber of a benefit plan recommended drug;

whereby the patient's drug formulary preference for treatment of said condition is system-presented to the prescriber prior to completion of the prescription;

wherein the completed prescription includes the patient condition and identification and quantification data regarding a drug prescribed by the prescriber user for treatment of the patient condition, the patient condition and drug data being captured into the prescription by the data capture devices.